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--This application is a division of U.S. application Serial No. 08/905,654, filed on August 4, 1997, which is a division of U.S. application Serial No. 08/479,339, filed on June 7, 1995, which is a continuation-in-part of U.S. application Serial No. 08/082,689, filed on June 25, 1993. The respective disclosures of each of these patent applications is incorporated herein by reference.--

## In the Claims:

Please cancel claims 10 to 14 and add claims 15 to 45, as indicated below:

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15. A process comprising the steps of:

providing a photosensitive element comprising:

a backing layer;

at least one layer of photopolymerizable material on said backing layer;

at least one ablation layer which is ablatable by infrared radiation and opaque to non-infrared actinic radiation, wherein the infrared ablation layer is in direct contact with the at least one photopolymerizable layer and has a surface opposite the photopolymerizable layer capable of being exposed to laser oblation, the infrared ablation layer comprising:

at least one infrared absorbing material;

at least one binder that is a polyacetal, polyacrylic, polyamide, polyimide, polybutylene, polycarbonate, polyester, polyethylene, cellulosic polymer, polyphenylene ether, or polyethylene oxide;

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wherein the infrared ablation layer is ablatable from the surface of the photopolymerizable layer upon exposure to infrared laser radiation; and ablating said ablation layer using a laser, thereby providing ablated and unablated

areas forming an image.

16. The process of claim 15 further comprising flood exposing said ablated element to UV light without a negative, thereby curing said photopolymerizable layer in areas under ablated areas of said ablation layer.

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- 17. The process of claim 16 further comprising developing said exposed element.
- 18. The process of claim 15 wherein said backing layer is transparent.
- 19. The process of claim 15 wherein said photopolymerizable layer includes a polyurethane, acrylonitrile rubber, or a diblock or triblock copolymer made from styrene-isoprene or styrene-butadiene.

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20. The process of claim 19 wherein said photopolymerizable layer includes an acid-modified acrylate polyurethane or an amine-modified acrylate polyurethane.

21. The process of claim 15 wherein said infrared absorbing material absorbs infrared radiation having a wavelength of 10.6  $\mu m$ .

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- 22. The process of claim 15 wherein the at least one binder is a polyamide.
- 23. The process of claim 15 wherein the at least one binder is a cellulosic polymer.
- 24. The process of claim 23 wherein the at least one binder is hydroxypropylcellulose.
- 25. The process of claim 15 wherein the infrared absorbing material is non-migratory.
- 26. The process of claim 15 wherein the infrared absorbing material constitutes about 1-20 weight parts per hundred of said ablation layer.

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27. The process of claim 15 wherein said laser emits light having a wavelength of 10.6

μm.

28. The process of claim 15 wherein said laser emits light having a wavelength of 300-

400 nm.

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of vacuum.

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The process of claim 16 wherein said exposing step is conducted under application

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- 30. A process comprising the steps of:
- providing a solid, photopolymerizable printing plate comprising:

a backing;

at least one layer of photopolymerizable material on said backing, said photopolymerizable layer comprising a photopolymer which is unaffected by radiation at a selected wavelength in the range of 300-400 nm and an initiator activatable at the selected wavelength; and;

a radiation absorbing layer over said photopolymerizable layer, said absorbing layer comprising a polymeric matrix that is transparent to ultraviolet radiation and a dopant having a high extinction coefficient in the wavelength range of 300-400 nm, wherein said radiation absorbing layer is capable of being photoablated by a laser operating at a first energy level in the wavelength range of 300-400 nm, and wherein unablated areas of said absorbing layer are capable of absorbing at least 95% of irradiated light in the wavelength range of 300-400 nm from an ultra-violet light source operating at a second energy level lower than said first energy level; and

• ablating said absorbing layer using a laser, thereby providing ablated and unablated areas forming an image.

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31. The process of claim 30 further comprising flood exposing said ablated element to UV light without a negative, thereby curing the photopolymerizable layer in areas under ablated areas of said absorbing layer.

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- 32. The process of claim 31 further comprising developing said exposed element.
- 33. The process of claim 30 wherein said backing layer is transparent.
- 34. The process of claim 30 wherein said photopolymerizable layer includes a polyurethane, acrylonitrile rubber, or a diblock or triblock copolymer made from styrene-isoprene or styrene-butadiene.
- 35. The process of claim 34 wherein said photopolymerizable layer includes an acid-modified acrylate polyurethane or an amine-modified acrylate polyurethane.
- 36. The process of claim 30 wherein said polymeric matrix includes a polyacetal, polyacrylic, polyamide, polyimide, polybutylene, polycarbonate, polyester, polyethylene, cellulosic polymer, polyphenylene ether, or polyethylene oxide; the at least one binder is a polyamide.
  - 37. The process of claim 36 wherein said polymeric matrix includes a polyamide.

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- 38. The process of claim 36 wherein said polymeric matrix includes a cellulosic polymer.
- 39. The process of claim 38 wherein the polymeric matrix includes hydroxypropylcellulose.
- 40. The process of claim 30 wherein said dopant absorbs radiation having a wavelength of 10.6 μm.
  - 41. The process of claim 30 wherein said dopant is non-migratory.
- 42. The process of claim 30 wherein said dopant constitutes about 1-20 weight parts per hundred of said radiation absorbing layer.
- 43. The process of claim 30 wherein said exposing step is conducted under application of vacuum.
  - 44. The process of claim 30 wherein said laser emits light having a wavelength of 10.6
- 45. The process of claim 30 wherein said laser emits light having a wavelength of 300-400 nm.